

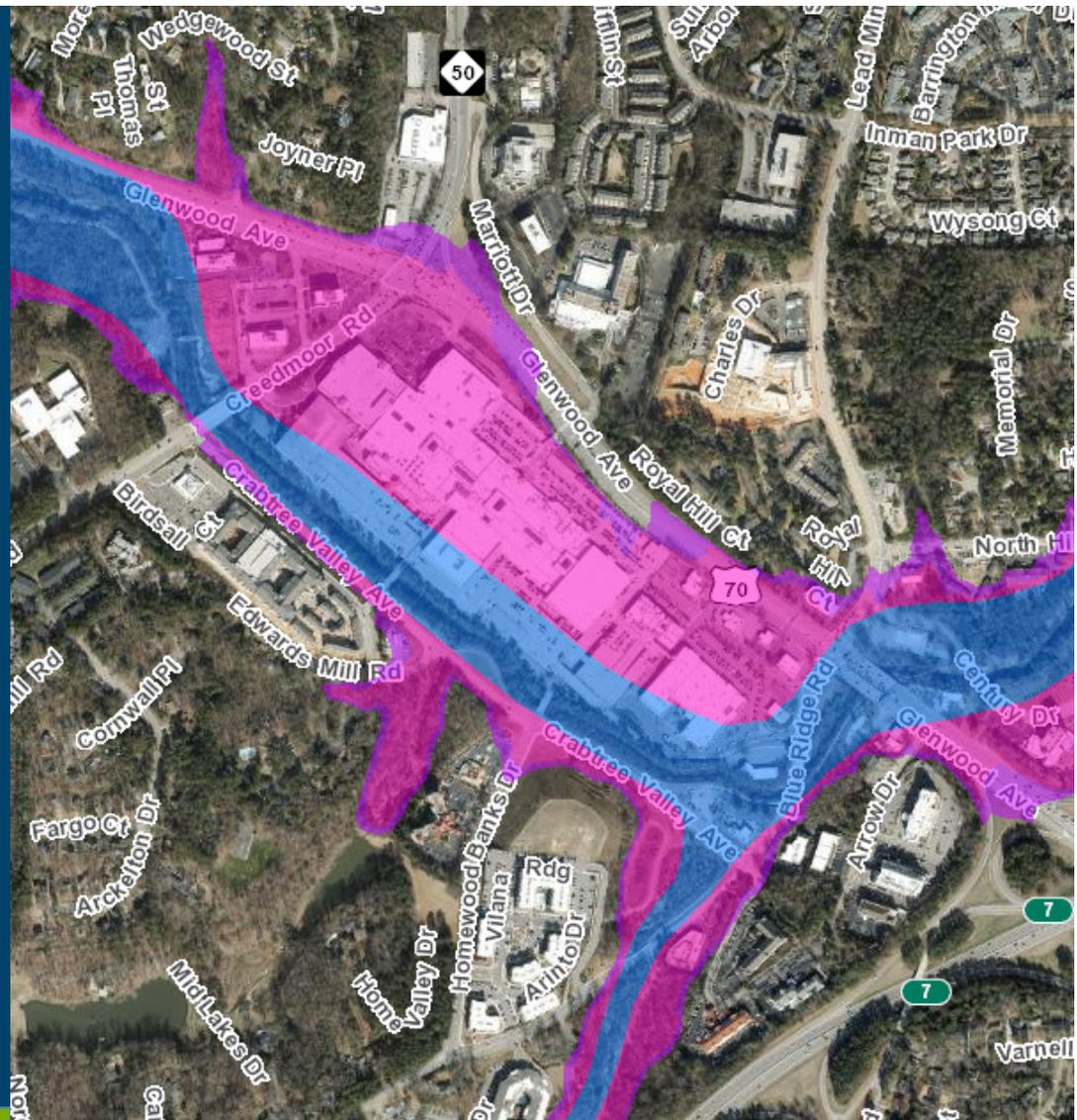
ENGINEERING SERVICES

# FLOOD PRONE REGULATIONS COMPARISON

Stakeholder Group  
Meeting Number 2  
April 25, 2019



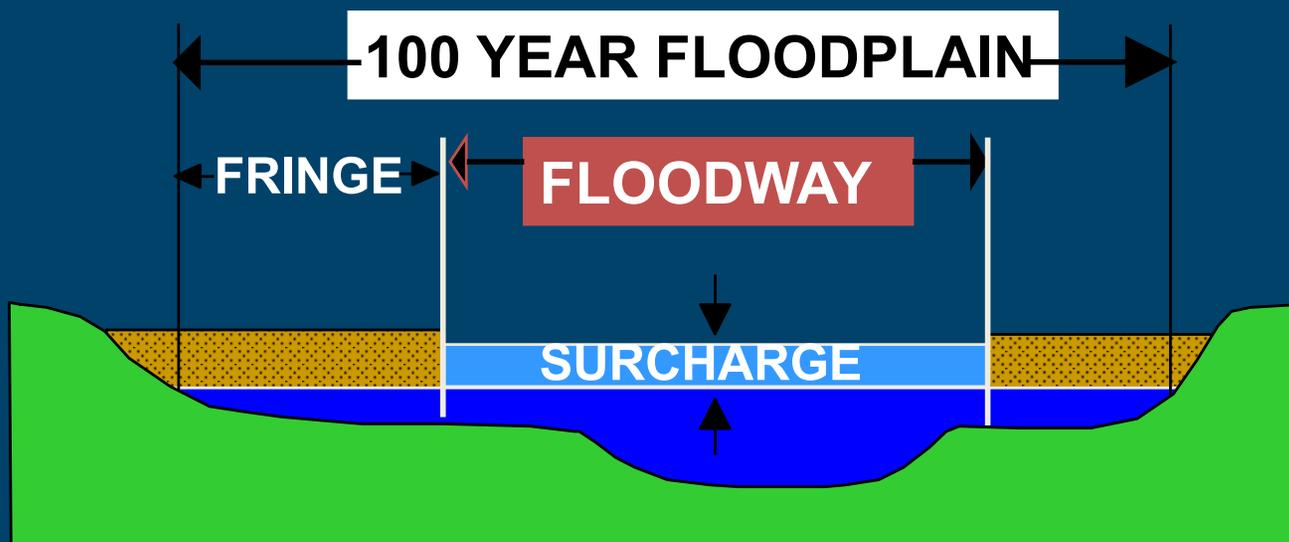
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# Floodway Schematic



**FLOODWAY + FLOODWAY FRINGE = 100  
YEAR FLOODPLAIN  
SURCHARGE NOT TO EXCEED 1.0 FOOT**



# Regulations Comparison

- Wake County
  - No new structures allowed within the FEMA floodplain
  - Buildings in Flood Hazard Soils elevated to 1' above 100 year storm elevation
  - Certify elevation if any floodplain on lot or within 100' of the structure
- Town of Cary
  - No new residential lots can be platted in floodplain
    - Unless subdividing an exempted lot under single ownership that is 2 acres or less with no more than 3 lots created



# Regulations Comparison

- Holly Springs
  - No residential lot can have fill placed on the lot for the purpose of flood compliance
  - Non residential lots can be built with floodproofing
- Wake Forest
  - No new development in floodplain for lots platted after 2006



# Regulations Comparison

- Town of Garner
  - No restrictions beyond the FEMA minimums
- Town of Apex
  - No new residential structures in the floodplain after 2000
  - Commercial structures may only elevate cannot floodproof



# Regulations Comparison

- Town of Morrisville
  - No restrictions beyond the FEMA minimums
- Town of Fuquay-Varina
  - No restrictions beyond the FEMA minimums



# Regulations Comparison

- Town of Knightdale
  - No restrictions beyond the FEMA minimums
- Towns of Wendell, Zebulon & Rolesville
  - No new development or redevelopment allowed in the 100 year floodplain



# Regulations Comparison

- Charlotte/Mecklenburg
  - Created specific flood maps (Cooperating Technical Partner with FEMA)
  - Enforce a wider floodway area (0.5' surcharge)
  - Elevate all Parking Lots to 6" below 100 year storm elevation



# Regulations Comparison

- Durham
  - No fill/development within 5X the stream width from stream
  - Fill has max 3:1 slope, fill material must be 40' from structure
- Greensboro
  - No restrictions beyond the FEMA minimums

# Questions



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